WHAT IS CLAIMED IS:

1	1.	Tor use in a 11 vAC system for distributing an unrough an opening in a nortzontal certing,
2		an improved plenum, comprising:
3		a plenum housing having a horizontal bottom, a first and a second vertical end, a
4		first and a second vertical side, and a sloped top, the bottom having a large diameter
5		opening therein by which air is passed from the interior of the housing into the opening in
6		the ceiling, the first end being of substantially larger area than the second end, the first
7		and second sides being equal trapezoids, the sloped top having an air inlet opening and a
8		short length flange portion configured to receive an air distribution duct;
9		a hanger bar extending through small diameter openings in each said side wall
10		and centrally over said large diameter opening in said bottom; and
11		a junction box supported to said hanger bar, the junction box being centered over
12		said large diameter bottom opening and providing means for supporting a light fixture or
13		ceiling fan.
1	2.	An improved plenum according to Claim 1, including:
2		a flexible electrical conduit extending through an opening in one of said side or
3		end walls and connected to said junction box.
1	3.	An improved plenum according to Claim 1, including:
2		a diffuser removably affixed to said housing bottom, having an outer
3		circumferential edge, and having a central opening therein exposing said junction box
4		and having a plurality of radial vanes extending from adjacent the central opening to
5		adjacent the circumferential edge

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1 4. For use with a HVAC plenum mounted above an opening in a ceiling, a diffuser having provision for accommodating a ceiling fan or a light fixture, the diffuser comprising:

a generally planar, integral, circular structure formed of thin, rigid material and having a circumferential outer edge and a central opening dimensioned to accommodate an electrical junction box, and having a plurality of radially extending fins, each bent to extend at a common angle to the plane of the structure and a radially extending air slot opening in conjunction with each fin.

- 5. A diffuser for use with a HVAC plenum according to Claim 4 in which said circular structure is further defined by an integrally formed, concentric circular forwardly protruding smudge rind circumferentially positioned between said fins and said circumferential outer edge.
- For use with a HVAC plenum according to Claim 4 a circular cap that is removably attachable to said diffuser and dimensioned so as, when attached to said diffuser, covers said central opening but leaves said radially extending air slot openings unobstructed.
 - 7. For use with a HVAC plenum according to Claim 4 a planar damper configured to removably cover a preselected number of said radially extending air slot openings to providing means of selectably regulating the total area of exposed radially extending air slot openings.
- 8. A diffuser according to Claim 4 including, in combination with said circular structure a plurality of bendable metal clips by which the circular structure is removably attachable to a ceiling panel having the circular opening therein, each clip being affixed at one end

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- to said circular structure adjacent said circumferential outer edge to thereby extend through the circular opening and each clip being bendable to overlay the ceiling panel.
- 9. A diffuser according to Claim 6 wherein said circular cap has an outer and an inner surface and including a plurality of at least three legs extending perpendicularly from said inner surface, each leg having at least one notch therein by which the circular cap may be spaced a selected distance from said circular structure outer face.

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